

PHOSPHORUS-CONTAINING COMPOUNDS & USES THEREOF**Publication number:** WO03064383**Publication date:** 2003-08-07**Inventor:** BERSTEIN DAVID L (US); METCALF CHESTER A III (US); ROZAMUS LEONARD W (US); WANG YIHAN (US)**Applicant:** ARIAD GENE THERAPEUTICS INC (US); BERSTEIN DAVID L (US); METCALF CHESTER A III (US); ROZAMUS LEONARD W (US); WANG YIHAN (US)**Classification:**






- international: A61L27/00; A61F2/84; A61K31/661; A61K31/662; A61K31/664; A61K45/00; A61K45/06; A61P1/04; A61P3/10; A61P9/00; A61P9/10; A61P11/00; A61P17/02; A61P17/04; A61P17/06; A61P19/02; A61P21/04; A61P25/00; A61P25/28; A61P27/02; A61P29/00; A61P31/10; A61P35/00; A61P35/02; A61P37/00; C07F9/09; C07F9/22; C07F9/32; C07F9/36; C07F9/40; C07F9/44; C07F9/46; C07F9/53; C07F9/6561; A61L27/00; A61F2/82; A61K31/661; A61K31/662; A61K31/664; A61K45/00; A61P1/00; A61P3/00; A61P9/00; A61P11/00; A61P17/00; A61P19/00; A61P21/00; A61P25/00; A61P27/00; A61P29/00; A61P31/00; A61P35/00; A61P37/00; C07F9/00; (IPC1-7): C07D

- european: A61K45/06; C07F9/6561

Application number: WO2003US03030 20030203

Priority number(s): US20020353252P 20020201; US20020426928P 20021115; US20020428383P 20021122; US20020433930P 20021217

Also published as:

 WO03064383 (A3)
 EP1478648 (A3)
 EP1478648 (A2)
 MXPA04007402 (A)
 EP1478648 (A0)

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Cited documents:

 US5391730

[Report a data error here](#)**Abstract of WO03064383**

This invention concerns a new family of phosphorus-containing compounds containing a moiety JQA- in which: A is absent or is -O-, -S- or -NR2- Q is absent or if A is -O-, -S- or -NR2- Q may be -V-, -OV-, -SV-, or -NR2V-, where V is an aliphatic, heteroaliphatic, aryl, or heteroaryl moiety, such that J is linked to the cyclohexyl ring directly, through A or through VA, OVA, SVA or NR2VA J = I - or - II, K is O or S each occurrence of Y is independently -O-, -S-, -NR2-, or chemical bond linking a R5 moiety to P and the other variables are as defined herein.

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RECOMBINANT PRODUCTION OF POLYANIONIC POLYMERS, AND USES THEREOF**Publication number:** WO02077036**Publication date:** 2002-10-03**Inventor:** LEUNG DAVID W (US); BERGMAN PHILIP A (US); LOFQUIST ALAN (US); PIETZ GREGORY E (US); TOMPKINS CHRISTOPHER K (US); WAGGONER DAVID W JR (US)**Applicant:** LEUNG DAVID W (US); BERGMAN PHILIP A (US); LOFQUIST ALAN (US); PIETZ GREGORY E (US); TOMPKINS CHRISTOPHER K (US); WAGGONER DAVID W JR (US)**Classification:****- international:** A61K47/48; C07K7/06; C07K7/08; C07K14/00; C12N5/08; A61K47/48; C07K7/00; C07K14/00; C12N5/08; (IPC1-7): C08F**- european:** A61K47/48R2T; C07K7/06A; C07K7/08A; C07K14/00B**Application number:** WO2002US08614 20020321**Priority number(s):** US20010277705P 20010321**Also published as:**

WO02077036 (A3)

AU2002252429 (A8)

Cited documents:

US6022860

[Report a data error here](#)**Abstract of WO02077036**

A polyanionic polymer can improve the bioactivity and water-solubility properties of a drug to which it is joined. The inventive method provides a monodispersed preparation of a recombinantly-produced polyanionic polymer that can be easily manipulated, such as lengthened. An active moiety may be chemically or recombinantly joined to a polyanionic polymer to increase its biological half-life and/or solubility. The instant invention also provides a method for targeting the delivery of a polyanionic polymer conjugate or fusion protein to a specific cell type or tissue.

Data supplied from the **esp@cenet** database - Worldwide

APPARATUS AND METHODS FOR PREVENTING OR TREATING FAILURE OF HEMODIALYSIS VASCULAR ACCESS AND OTHER VASCULAR GRAFTS

Publication number: WO02062335

Publication date: 2002-08-15

Inventor: IYER SRIRAM S; KIPSHIDZE NICHOLAS N;
NIKOLAYCHIK VICTOR V

Applicant: VASCULAR THERAPIES LLC (US)

Classification:

- international: **C07D498/18; A61K9/00; A61K31/122; A61K31/337;
A61K31/395; A61K31/436; A61K31/573; A61K31/727;
A61K45/00; A61L31/00; A61M1/00; A61M39/10;
A61P7/02; A61P7/08; A61P9/00; A61P9/10;
A61P31/00; A61P37/06; A61P43/00; A61M1/16;
C07D498/00; A61K9/00; A61K31/122; A61K31/337;
A61K31/395; A61K31/4353; A61K31/57; A61K31/726;
A61K45/00; A61L31/00; A61M1/00; A61M39/00;
A61P7/00; A61P9/00; A61P31/00; A61P37/00;
A61P43/00; A61M1/16; (IPC1-7): A61K31/395;
A61K31/122; A61K31/337; A61K31/573; A61K31/727;
A61K38/08; A61K38/13; A61K47/36; A61K47/42;
A61P43/00**

- european: A61K9/00M5D; A61K31/122; A61K31/337; A61K31/395;
A61K31/573; A61K31/727; A61M1/00S; A61M39/10D

Application number: WO2002US01375 20020116

Priority number(s): US20010262132P 20010116

Also published as:

WO02062335 (A3)
EP1351681 (A3)
EP1351681 (A2)
MXPA03006315 (A)
EP1351681 (A0)

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Cited documents:

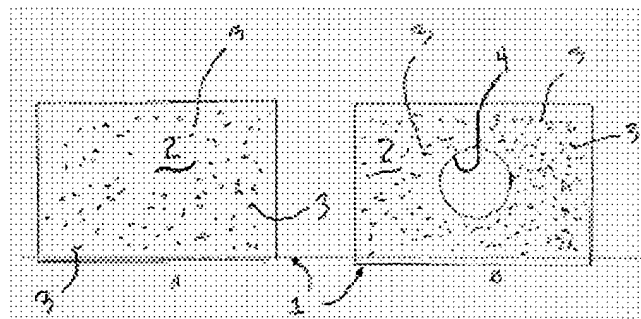
US6328762
US5766584
US5527532
WO9323013
US5486524

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Abstract of WO02062335

This invention is a prosthetic device generally placed on the outside surface of the vessel or graft which then elutes antiproliferative drugs or agents from a drug-eluting matrix material. Methods of perivascular antiproliferative drug administration also are disclosed.



Data supplied from the esp@cenet database - Worldwide

INVENTOR(S) : Anderson, Daniel G., Framingham, MA, UNITED STATES
 Langer, Robert S., Newton, MA, UNITED STATES
 Padera, Robert F. JR., Milton, MA, UNITED STATES
 Peng, Weidan, Haverford, PA, UNITED STATES
 Sawicki, Janet A., Newton Square, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006228404	A1	20061012
APPLICATION INFO.:	US 2005-256452	A1	20051021 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2005-74323, filed on 4 Mar 2005, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-550912P	20040304 (60)
	US 2004-620886P	20041021 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CHOATE, HALL & STEWART LLP, TWO INTERNATIONAL PLACE, BOSTON, MA, 02110, US	
NUMBER OF CLAIMS:	125	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	22 Drawing Page(s)	
LINE COUNT:	4028	
AB	<p>The present invention provides compositions and methods for treatment of conditions and diseases associated with excessive or inappropriate noncancerous tissue growth. In certain embodiments of the invention the compositions and methods are used for treatment of benign prostatic hyperplasia. In certain embodiments of the invention the composition comprises a tissue-selective delivery vehicle. In certain embodiments of the invention the compositions comprise an expression vector that encodes a cytotoxic polypeptide, wherein expression of the cytotoxic polypeptide is under control of a prostate-specific regulatory element. In certain embodiments of the invention the compositions comprise an expression vector in which expression of a recombinase is under control of a prostate-specific regulatory element, and a recombination event mediated by the recombinase is required for expression of the cytotoxic polypeptide.</p>	

L7 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2004:95402 USPATFULL
 TITLE: Polymerized and modified rapamycins and their use in coating medical prostheses
 INVENTOR(S) : Waugh, Jacob, Palo Alto, CA, UNITED STATES
 Razavi, Mahmood K., San Carlos, CA, UNITED STATES
 Nezhat, Camran, Woodside, CA, UNITED STATES
 Cifra, Pamela N., Daly City, CA, UNITED STATES
 Dake, Michael D., Stanford, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004072857	A1	20040415
APPLICATION INFO.:	US 2003-613584	A1	20030702 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-393686P	20020702 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MANATT PHELPS AND PHILLIPS, ROBERT D. BECKER, 1001 PAGE MILL ROAD, BUILDING 2, PALO ALTO, CA, 94304	

NUMBER OF CLAIMS: 101
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Page(s)
LINE COUNT: 903

AB Compositions of matter comprise linked pluralities of mTOR-binding molecules, such as rapamycin. The compositions may be directly polymerized or may comprise rapamycin or other mTOR-binding molecules covalently or non-covalently attached to a backbone molecule. The compositions may be bound to vascular prostheses and other implantable devices in order to inhibit hyperplasia or for other therapeutic purposes.

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L6 ANSWER 1 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:267722 USPATFULL
TITLE: Compositions and methods for treatment of hypertrophic tissues

INVENTOR(S): Anderson, Daniel G., Framingham, MA, UNITED STATES
Langer, Robert S., Newton, MA, UNITED STATES
Padera, Robert F. JR., Milton, MA, UNITED STATES
Peng, Weidan, Haverford, PA, UNITED STATES
Sawicki, Janet A., Newton Square, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006228404	A1	20061012
APPLICATION INFO.:	US 2005-256452	A1	20051021 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2005-74323, filed on 4 Mar 2005, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-550912P	20040304 (60)
	US 2004-620886P	20041021 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CHOATE, HALL & STEWART LLP, TWO INTERNATIONAL PLACE, BOSTON, MA, 02110, US	
NUMBER OF CLAIMS:	125	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	22 Drawing Page(s)	
LINE COUNT:	4028	
AB	The present invention provides compositions and methods for treatment of conditions and diseases associated with excessive or inappropriate noncancerous tissue growth. In certain embodiments of the invention the compositions and methods are used for treatment of benign prostatic hyperplasia. In certain embodiments of the invention the composition comprises a tissue-selective delivery vehicle. In certain embodiments of the invention the compositions comprise an expression vector that encodes a cytotoxic polypeptide, wherein expression of the cytotoxic polypeptide is under control of a prostate-specific regulatory element. In certain embodiments of the invention the compositions comprise an expression vector in which expression of a recombinase is under control of a prostate-specific regulatory element, and a recombination event mediated by the recombinase is required for expression of the cytotoxic polypeptide.	

L6 ANSWER 2 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:248288 USPATFULL
 TITLE: Erastin and erastin binding proteins, and uses thereof
 INVENTOR(S): Selliah, Robert, Midvale, UT, UNITED STATES
 Qi, Longwu, Salt Lake City, UT, UNITED STATES
 Robbins, Paul B., Park City, UT, UNITED STATES
 Sahasrabudhe, Sudhir R., Sandy, UT, UNITED STATES
 Stockwell, Brent R., New York, NY, UNITED STATES
 Venkat, Raj Gopal, Salt Lake City, UT, UNITED STATES
 PATENT ASSIGNEE(S): Prolexys Pharmaceuticals Inc., Salt Lake City, UT,
 UNITED STATES (U.S. corporation)
 Whitehead Institute for Biomedical Research, Cambridge,
 MA, UNITED STATES (U.S. corporation)
 The Trustees of Columbia University in the City of New
 York, New York, NY, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006211683	A1	20060921
APPLICATION INFO.:	US 2006-340430	A1	20060125 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2005-647303P	20050125 (60)
	US 2006-762221P	20060124 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FISH & NEAVE IP GROUP, ROPES & GRAY LLP, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624, US	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	30 Drawing Page(s)	
LINE COUNT:	4442	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to methods of screening for binding partners,
 especially binding partners essential for the biological activity of
 erastin (e.g. VDACS such as VDAC3). The invention also provides reagents
 and methods for effective killing of cancer cells with erastin and
 related compounds or derivatives.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:233416 USPATFULL
 TITLE: Biodegradable coating compositions comprising blends
 INVENTOR(S): DeWitt, David M., Minneapolis, MN, UNITED STATES
 Hergenrother, Robert W., Eden Prairie, MN, UNITED STATES
 Malinoff, Harrison, Golden Valley, MN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006198868	A1	20060907
APPLICATION INFO.:	US 2005-317212	A1	20051222 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2005-641533P	20050105 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KAGAN BINDER, PLLC, SUITE 200, MAPLE ISLAND BUILDING, 221 MAIN STREET NORTH, STILLWATER, MN, 55082, US	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	

NUMBER OF DRAWINGS: 16 Drawing Page(s)

LINE COUNT: 3470

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides devices for treatment of a patient, wherein at least a portion of the device is provided with a biodegradable coating composed of a blend of bioactive agent and at least two biodegradable polymers or copolymers. The invention further provides methods of treatment utilizing the devices.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 4 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:229549 USPATFULL

TITLE: Embryonic stem cell self maintenance and renewal reporter

INVENTOR(S): Lemischka, Ihor R., Princeton, NJ, UNITED STATES
Schaniell, Christoph, Princeton, NJ, UNITED STATES
Li, Feng, Plainsboro, NJ, UNITED STATES
Schafer, Xenia, Princeton, NJ, UNITED STATES
Paddison, Patrick J., Oyster Bay, NY, UNITED STATES
PATENT ASSIGNEE(S): Princeton University, Princeton, NJ, UNITED STATES
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006195918	A1	20060831
APPLICATION INFO.:	US 2006-332943	A1	20060117 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2005-644785P	20050118 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MEDLEN & CARROLL, LLP, Suite 350, 101 Howard Street, San Francisco, CA, 94105, US	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	24 Drawing Page(s)	
LINE COUNT:	2239	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions for assaying embryonic stem cell maintenance. In particular, the present invention provides reporter constructs for stem cell pluripotency and differentiation and cells and organisms containing such constructs.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 5 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:228476 USPATFULL

TITLE: 3,4-Disubstituted 1H-pyrazole compounds and their use as cyclin dependent kinase and glycogen synthase kinase-3 modulators

INVENTOR(S): Berdini, Valerio, Cambridge, UNITED KINGDOM
O'Brien, Michael Alistair, Herts, UNITED KINGDOM
Carr, Maria Grazia, Cambridge, UNITED KINGDOM
Early, Theresa Rachel, Macclesfield, UNITED KINGDOM
Gill, Adrian Liam, Caldecote, UNITED KINGDOM
Trewartha, Gary, Herts, UNITED KINGDOM
Woolford, Alison Jo-Anne, Cambridge, UNITED KINGDOM
Woodhead, Andrew James, Cambridge, UNITED KINGDOM
Wyatt, Paul Graham, Dundee, UNITED KINGDOM
PATENT ASSIGNEE(S): Astex Therapeutics Limited, Cambridge, UNITED KINGDOM
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006194843	A1	20060831
APPLICATION INFO.:	US 2006-336599	A1	20060120 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2004-GB3179, filed on 22 Jul 2004, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	GB 2004-317127	20040722
	US 2003-489046P	20030722 (60)
	US 2004-569763P	20040510 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HESLIN ROTHENBERG FARLEY & MESITI PC, 5 COLUMBIA CIRCLE, ALBANY, NY, 12203, US	
NUMBER OF CLAIMS:	30	
EXEMPLARY CLAIM:	1	
LINE COUNT:	6100	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

AB The invention provides compounds of the formula (0) or salts or tautomers or N-oxides or solvates thereof for use in the prophylaxis or treatment of disease states and conditions such as cancers mediated by cyclin-dependent kinase and glycogen synthase kinase-3. ##STR1## In formula (0):

X is a group R^{sup.1}-A-NR^{sup.4}-- or a 5- or 6-membered carbocyclic or heterocyclic ring;

A is a bond, SO₂, C=O, NR^{sup.g}(C=O) or O(C=O) wherein R^{sup.g} is hydrogen or C₁₋₄ hydrocarbyl optionally substituted by hydroxy or C₁₋₄ alkoxy; Y is a bond or an alkylene chain of 1, 2 or 3 carbon atoms in length;

R^{sup.1} is hydrogen; a carbocyclic or heterocyclic group having from 3 to 12 ring members; or a C₁₋₈ hydrocarbyl group optionally substituted by one or more substituents selected from halogen (e.g. fluorine), hydroxy, C₁₋₄ hydrocarbyloxy, amino, mono- or di-C₁₋₄ hydrocarbylamino, and carbocyclic or heterocyclic groups having from 3 to 12 ring members, and wherein 1 or 2 of the carbon atoms of the hydrocarbyl group may optionally be replaced by an atom or group selected from O, S, NH, SO, SO₂;

R^{sup.2} is hydrogen; halogen; C₁₋₄ alkoxy (e.g. methoxy); or a C₁₋₄ hydrocarbyl group optionally substituted by halogen (e.g. fluorine), hydroxyl or C₁₋₄ alkoxy (e.g. methoxy);

R^{sup.3} is selected from hydrogen and carbocyclic and heterocyclic groups having from 3 to 12 ring members; and

R^{sup.4} is hydrogen or a C₁₋₄ hydrocarbyl group optionally substituted by halogen (e.g. fluorine), hydroxyl or C₁₋₄ alkoxy (e.g. methoxy).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 6 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:203098 USPATFULL

TITLE: Methods and compositions of novel triazine compounds

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES
Alexander, Christopher W., Atlanta, GA, UNITED STATES
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES

Saxena, Uday, Atlanta, GA, UNITED STATES
 Rao, Yeleswarapu Koteswar, Andhra Pradesh, INDIA
 Pal, Manojit, Andhra Pradesh, INDIA
 Reddy, Jangalgar Tirupathy, Miyapur, INDIA
 Reddy, Velagala Venkata Rama Murali Krishna,
 Kukatpally, INDIA
 Alluri, Sessa Sridevi, Redmond, WA, UNITED STATES
 Kumar, Potlapally Rajender, Miyapur, INDIA
 Reddy, Gaddam Om, Miyapur, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006172984	A1	20060803
APPLICATION INFO.:	US 2005-284757	A1	20051122 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2003-400134, filed on 26 Mar 2003, PENDING Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Attn: David E. Wigley, Ph.D., Womble Carlyle Sandridge & Rice, PLLC, P.O. Box 7037, Atlanta, GA, 30357-0037, US	
NUMBER OF CLAIMS:	39	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	10142	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 7 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:195606 USPATFULL
 TITLE: Postpartum cells derived from placental tissue, and methods of making, culturing, and using the same
 INVENTOR(S): Seyda, Agnieszka, New Brunswick, NJ, UNITED STATES
 Gosiewska, Anna, Skillman, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006166361	A1	20060727
APPLICATION INFO.:	US 2005-297778	A1	20051208 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-637842P	20041221 (60)
DOCUMENT TYPE:	Utility	

FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PHILIP S. JOHNSON, JOHNSON & JOHNSON, ONE JOHNSON &
JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003, US
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
LINE COUNT: 7111

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Cells derived from postpartum placenta and methods for their isolation
are provided by the invention. The invention further provides cultures
and compositions of the placenta-derived cells. The placenta-derived
cells of the invention have a plethora of uses, including but not
limited to research, diagnostic, and therapeutic applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 8 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:181969 USPATFULL
TITLE: Cartilage and bone repair and regeneration using
postpartum-derived cells
INVENTOR(S): Kihm, Anthony J., Princeton, NJ, UNITED STATES
Seyda, Agnieszka, New Brunswick, NJ, UNITED STATES
Dhanaraj, Sridevi, Raritan, NJ, UNITED STATES
Wang, Ziwei, Monroe, NJ, UNITED STATES
Harmon, Alexander M., Clinton, NJ, UNITED STATES
Harris, Ian Ross, Belle Mead, NJ, UNITED STATES
Messina, Darin J., Somerville, NJ, UNITED STATES
Mistry, Sanjay, Bedminster, NJ, UNITED STATES
Gosiewska, Anna, Skillman, NJ, UNITED STATES
PATENT ASSIGNEE(S): Ethicon, Incorporated, Somerville, NJ, UNITED STATES
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006154367	A1	20060713
APPLICATION INFO.:	US 2005-322003	A1	20051229 (11)
RELATED APPLN. INFO.:	Division of Ser. No. US 2004-876988, filed on 25 Jun 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-483264P	20030627 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR, 1650 MARKET STREET, PHILADELPHIA, PA, 19103, US	
NUMBER OF CLAIMS:	32	
EXEMPLARY CLAIM:	1-19	
LINE COUNT:	5946	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Cells derived from postpartum tissue and methods for their isolation and
induction to differentiate to cells of a chondrogenic or osteogenic
phenotype are provided by the invention. The invention further provides
cultures and compositions of the postpartum-derived cells and products
related thereto. The postpartum-derived cells of the invention and
products related thereto have a plethora of uses, including but not
limited to research, diagnostic, and therapeutic applications, for
example, in the treatment of bone and cartilage conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 9 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:181423 USPATFULL
TITLE: Cartilage and bone repair and regeneration using

INVENTOR(S): postpartum-derived cells
Dhanaraj, Sridevi, Raritan, NJ, UNITED STATES
Harmon, Alexander M., Clinton, NJ, UNITED STATES
Messina, Darin J., Somerville, NJ, UNITED STATES
PATENT ASSIGNEE(S): Ethicon, Incorporated, Somerville, NJ, UNITED STATES
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006153818	A1	20060713
APPLICATION INFO.:	US 2005-321864	A1	20051229 (11)
RELATED APPLN. INFO.:	Division of Ser. No. US 2004-876998, filed on 25 Jun 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-483264P	20030627 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR, 1650 MARKET STREET, PHILADELPHIA, PA, 19103, US	
NUMBER OF CLAIMS:	3	
EXEMPLARY CLAIM:	1-85	
LINE COUNT:	5887	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Cells derived from postpartum tissue and methods for their isolation and induction to differentiate to cells of a chondrogenic or osteogenic phenotype are provided by the invention. The invention further provides cultures and compositions of the postpartum-derived cells and products related thereto. The postpartum-derived cells of the invention and products related thereto have a plethora of uses, including but not limited to research, diagnostic, and therapeutic applications, for example, in the treatment of bone and cartilage conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 10 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:181422 USPATFULL

TITLE: Cartilage and bone repair and regeneration using postpartum-derived cells

INVENTOR(S): Kihm, Anthony J., Princeton, NJ, UNITED STATES
Seyda, Agnieszka, New Brunswick, NJ, UNITED STATES
Harmon, Alexander M., Clinton, NJ, UNITED STATES
Harris, Ian Ross, Belle Mead, NJ, UNITED STATES
Messina, Darin J., Somerville, NJ, UNITED STATES
Mistry, Sanjay, Bedminster, NJ, UNITED STATES
Gosiewska, Anna, Skillman, NJ, UNITED STATES
Yi, Chin-Feng, Hillsborough, NJ, UNITED STATES

PATENT ASSIGNEE(S): Ethicon, Incorporated, Somerville, NJ, UNITED STATES
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006153817	A1	20060713
APPLICATION INFO.:	US 2005-321863	A1	20051229 (11)
RELATED APPLN. INFO.:	Division of Ser. No. US 2004-876998, filed on 25 Jun 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-483264P	20030627 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	

LEGAL REPRESENTATIVE: WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR,
1650 MARKET STREET, PHILADELPHIA, PA, 19103, US

NUMBER OF CLAIMS: 60

EXEMPLARY CLAIM: 1

LINE COUNT: 6003

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Cells derived from postpartum tissue and methods for their isolation and induction to differentiate to cells of a chondrogenic or osteogenic phenotype are provided by the invention. The invention further provides cultures and compositions of the postpartum-derived cells and products related thereto. The postpartum-derived cells of the invention and products related thereto have a plethora of uses, including but not limited to research, diagnostic, and therapeutic applications, for example, in the treatment of bone and cartilage conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 11 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:174045 USPATFULL

TITLE: Biodegradable coating compositions including multiple layers

INVENTOR(S): DeWitt, David M., Minneapolis, MN, UNITED STATES
Hergenrother, Robert W., Eden Prairie, MN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006147491	A1	20060706
APPLICATION INFO.:	US 2005-316787	A1	20051222 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2005-641557P	20050105 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	KAGAN BINDER, PLLC, SUITE 200, MAPLE ISLAND BUILDING, 221 MAIN STREET NORTH, STILLWATER, MN, 55082, US	
NUMBER OF CLAIMS:	46	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	26 Drawing Page(s)	
LINE COUNT:	4075	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides devices for treatment of a patient, wherein at least a portion of the device is provided with a biodegradable coating composed of multiple coated layers of biodegradable material. The invention further provides methods of treatment utilizing the devices.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 12 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:104550 USPATFULL

TITLE: Method and apparatus for coating of substrates

INVENTOR(S): Chappa, Ralph A., Prior Lake, MN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006088653	A1	20060427
APPLICATION INFO.:	US 2004-976193	A1	20041027 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	PAULY, DEVRIES SMITH & DEFFNER, L.L.C., 900 IDS CENTER, 80 SOUTH EIGHTH STREET, MINNEAPOLIS, MN, 55402-8773, US		
NUMBER OF CLAIMS:	77		

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 25 Drawing Page(s)
LINE COUNT: 2385

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to methods and apparatuses that reduce problems encountered during coating of a device, such as a medical device having a cylindrical shape. In an embodiment, the invention includes an apparatus including a bi-directional rotation member. In an embodiment, the invention includes a method with a bi-directional indexing movement. In an embodiment, the invention includes a coating solution supply member having a major axis oriented parallel to a gap between rollers on a coating apparatus. In an embodiment, the invention includes a device retaining member. In an embodiment, the invention includes an air nozzle or an air knife. In an embodiment, the invention includes a method including removing a static charge from a small diameter medical device.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 13 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:98917 USPATFULL
TITLE: Methods and compositions for modulating Bax-mediated apoptosis
INVENTOR(S): Sinclair, David A., West Roxbury, MA, UNITED STATES
Cohen, Haim Y., Modi'in, ISRAEL

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006084085	A1	20060420
APPLICATION INFO.:	US 2005-154293	A1	20050616 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-580169P	20040616 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT BLVD, BOSTON, MA, 02110, US	
NUMBER OF CLAIMS:	68	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	8804	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided herein are methods and compositions for modulating apoptosis of cells and the lifespan of cells. These may be used for treating or preventing aging-related disorders and cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 14 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:67406 USPATFULL
TITLE: Scaffold-based artificial receptors and methods
INVENTOR(S): Carlson, Robert E., Minnetonka, MN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006057625	A1	20060316
APPLICATION INFO.:	US 2005-217384	A1	20050901 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2002-244727, filed on 16 Sep 2002, PENDING Continuation-in-part of Ser. No. US 2004-813568, filed on 29 Mar 2004, PENDING Continuation-in-part of Ser. No. WO 2003-US5328, filed on 19 Feb 2003, PENDING		

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2004-609160P	20040911 (60)
	US 2004-612666P	20040923 (60)
	US 2004-626770P	20041110 (60)
	US 2005-645582P	20050119 (60)
	US 2005-649729P	20050203 (60)
	US 2004-607438P	20040903 (60)
	US 2004-607458P	20040903 (60)
	US 2004-608557P	20040910 (60)
	US 2004-607457P	20040903 (60)
	US 2004-608654P	20040910 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MERCHANT & GOULD PC, P.O. BOX 2903, MINNEAPOLIS, MN, 55402-0903, US	
NUMBER OF CLAIMS:	43	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	47 Drawing Page(s)	
LINE COUNT:	3655	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

AB The present invention relates to scaffold artificial receptors, methods of and compositions for making them, and methods of using them. Each artificial receptor includes a plurality of building blocks. The plurality of the building blocks are coupled to a scaffold.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 15 OF 43 USPATFULL on STN
 ACCESSION NUMBER: 2006:67060 USPATFULL
 TITLE: Methods, devices, and coatings for controlled active agent release
 INVENTOR(S): Chappa, Ralph A., Prior Lake, MN, UNITED STATES

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2006057277	A1	20060316
APPLICATION INFO.:	US 2005-223811	A1	20050909 (11)

	NUMBER	DATE
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PRIORITY INFORMATION:	US 2004-608638P	20040910 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PAULY, DEVRIES SMITH & DEFFNER, L.L.C., 900 IDS CENTER, 80 SOUTH EIGHTH STREET, MINNEAPOLIS, MN, 55402-8773, US	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	1438	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

AB The present invention relates to methods, devices, and coatings, wherein active agent release is determined by deposition rate of a coating or material. In an embodiment, the invention includes a method for coating a medical device, including identifying active agent elution rates for a coating composition applied to substrates at a plurality of coating deposition rates, selecting one of the coating deposition rates, and applying the coating composition to the medical device at the selected deposition rate. In an embodiment, the invention includes a combination including a medical device and a composition for coating the surface of a medical device with an active agent in a manner that permits the coated surface to release the active agent over time when implanted in vivo.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 16 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2006:28503 USPATFULL

TITLE: Sirtuin related therapeutics and diagnostics for neurodegenerative diseases

INVENTOR(S): Sinclair, David A., West Roxbury, MA, UNITED STATES
Tsai, Li-Huei, Cambridge, MA, UNITED STATES
Nguyen, Minh Dang, Boston, MA, UNITED STATES
Howitz, Konrad T., Allentown, PA, UNITED STATES
Zipkin, Robert E., Wynnewood, PA, UNITED STATES
Bitterman, Kevin J., Boston, MA, UNITED STATES

PATENT ASSIGNEE(S): President and Fellows of Harvard College, Cambridge, MA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006025337	A1	20060202
APPLICATION INFO.:	US 2005-74374	A1	20050307 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-884022, filed on 1 Jul 2004, PENDING Continuation-in-part of Ser. No. US 2004-884879, filed on 1 Jul 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-483949P	20030701 (60)
	US 2003-532158P	20031223 (60)
	US 2003-483949P	20030701 (60)
	US 2003-532158P	20031223 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT BLVD, BOSTON, MA, 02110, US	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	49 Drawing Page(s)	
LINE COUNT:	8646	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided herein are methods and compositions for modulating the activity of sirtuin deacetylase protein family members; p53 activity; apoptosis; lifespan and sensitivity to stress of cells and organisms. Exemplary methods comprise contacting a cell with an activating compound, such as a flavone, stilbene, flavanone, isoflavone, catechin, chalcone, tannin or anthocyanidin; or an inhibitory compound, such as a sphingolipid, e.g., sphingosine. Also disclosed herein are methods for treating, preventing or diagnosing a disease associated with neuronal cell death, e.g., a neurodegenerative disease.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 17 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:306420 USPATFULL

TITLE: Antisense modulation of p70 S6 kinase expression

INVENTOR(S): Bennett, C. Frank, Carlsbad, CA, UNITED STATES
Monia, Brett P., Encinitas, CA, UNITED STATES
Freier, Susan M., San Diego, CA, UNITED STATES
Baker, Brenda F., Carlsbad, CA, UNITED STATES
Gaarde, William A., Carlsbad, CA, UNITED STATES
Koller, Erich, Carlsbad, CA, UNITED STATES
Murray, Susan F., Poway, CA, UNITED STATES
Watt, Andrew T., Oceanside, CA, UNITED STATES
Wyatt, Jacqueline R., Sundance, WY, UNITED STATES

Nero, Pamela, Philadelphia, PA, UNITED STATES
Roach, Mark P., Cardiff by the Sea, CA, UNITED STATES
Cowser, Lex M., Pittsburgh, PA, UNITED STATES
Dobie, Kenneth W., Del Mar, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005267063	A1	20051201
APPLICATION INFO.:	US 2005-117013	A1	20050427 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-795662, filed on 8 Mar 2004, PENDING Continuation of Ser. No. US 2001-920677, filed on 1 Aug 2001, ABANDONED		
	Continuation-in-part of Ser. No. US 2002-299881, filed on 19 Nov 2002, PENDING Continuation of Ser. No. US 2001-856748, filed on 24 Sep 2001, ABANDONED A 371 of International Ser. No. WO 1999-US19607, filed on 25 Aug 1999 Continuation of Ser. No. US 1998-200141, filed on 25 Nov 1998, GRANTED, Pat. No. US 5985663		
	Continuation-in-part of Ser. No. US 2003-376566, filed on 27 Feb 2003, PENDING Continuation of Ser. No. US 2001-5058, filed on 7 Dec 2001, ABANDONED		
	Continuation-in-part of Ser. No. US 2003-646569, filed on 22 Aug 2003, ABANDONED Continuation of Ser. No. US 2001-757100, filed on 9 Jan 2001, ABANDONED		
	Continuation-in-part of Ser. No. WO 2000-US18999, filed on 13 Jul 2000, PENDING Continuation of Ser. No. US 1999-377310, filed on 19 Aug 1999, GRANTED, Pat. No. US 6133031		
	Continuation-in-part of Ser. No. US 2003-672981, filed on 26 Sep 2003, PENDING Continuation of Ser. No. US 2001-973827, filed on 10 Oct 2001, ABANDONED		
	Continuation-in-part of Ser. No. US 2003-705715, filed on 10 Nov 2003, PENDING Continuation of Ser. No. US 2001-888361, filed on 21 Jun 2001, ABANDONED		
	Continuation-in-part of Ser. No. US 2003-630401, filed on 30 Jul 2003, PENDING Continuation of Ser. No. US 2001-953047, filed on 10 Sep 2001, ABANDONED		
	Continuation-in-part of Ser. No. US 2003-655847, filed on 5 Sep 2003, ABANDONED		
	Continuation of Ser. No. US 2002-160807, filed on 31 May 2002, ABANDONED		
	Continuation-in-part of Ser. No. US 2003-628841, filed on 28 Jul 2003, PENDING Continuation of Ser. No. US 2001-972607, filed on 6 Oct 2001, ABANDONED		
	Continuation-in-part of Ser. No. US 2003-630399, filed on 30 Jul 2003, PENDING Continuation of Ser. No. US 2001-966451, filed on 28 Sep 2001, GRANTED, Pat. No. US 6692959		
	Continuation-in-part of Ser. No. US 2002-162846, filed on 3 Jun 2002, PENDING Continuation-in-part of Ser. No. US 2003-476961, filed on 5 Nov 2003, PENDING A 371 of International Ser. No. WO 2002-US13876, filed on 1 May 2002		
	Continuation of Ser. No. US 2001-851062, filed on 7 May 2001, GRANTED, Pat. No. US 6448081		
	Continuation-in-part of Ser. No. US 2005-19368, filed on 2 Jun 2005, PENDING A 371 of International Ser. No. WO 2000-US13170, filed on 11 May 2000		
	Continuation of Ser. No. US 1999-313930, filed on 18 May 1999, GRANTED, Pat. No. US 6235723		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	FENWICK & WEST LLP, 801 CALIFORNIA STREET, MOUNTAIN VIEW, CA, 94014, US		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	3185		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Antisense compounds, compositions and methods are provided for modulating the expression of p70 S6 kinase. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding p70 S6 kinase. Methods of using these compounds for modulation of p70 S6 kinase expression and for treatment of diseases associated with expression of p70 S6 kinase are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 18 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:261954 USPATFULL

TITLE: Triazine compounds and their analogs, compositions, and methods

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES
Alexander, Christopher W., Atlanta, GA, UNITED STATES
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES
Saxena, Uday, Atlanta, GA, UNITED STATES
Alluri, Sessa Sridevi, Grandhinagar, INDIA
Krishna Reddy, Velagala Venkata Rama Murali, Kukatpally, INDIA
Pal, Manojit, Miyapur, INDIA
Reddy, Jangalgar Tirupathy, Miyapur, INDIA
Yeleswarapu, Koteswar Rao, Begumpet, INDIA
Reddy, Gaddam Om, Miyapur, INDIA
Kumar, Potlapally Rajender, Miyapur, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005227983	A1	20051013
APPLICATION INFO.:	US 2004-808210	A1	20040324 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US		
NUMBER OF CLAIMS:	83		
EXEMPLARY CLAIM:	1		
LINE COUNT:	7442		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to triazine compounds and their analogs and derivatives, and methods and compositions comprising these compounds. The compounds and compositions of this invention are useful for, among other things, treating pathophysiological conditions arising from inflammatory responses, inhibiting or blocking glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells, inhibiting smooth muscle proliferation, treating vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis, and the like.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 19 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:234124 USPATFULL

TITLE: Proteasome pathway inhibitors and related methods

INVENTOR(S): Deshaies, Raymond, Claremont, CA, UNITED STATES
King, Randall, Boston, MA, UNITED STATES
Verma, Rati, Altadena, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005203063	A1	20050915
APPLICATION INFO.:	US 2004-940502	A1	20040913 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-502540P	20030912 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FISH & NEAVE IP GROUP, ROPES & GRAY LLP, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624, US	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Page(s)	
LINE COUNT:	1721	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The disclosure provides compositions and methods for blocking the proteasome pathway, as well as compounds that block mitotic cell cycle progression. Compounds disclosed include a family of molecules that bind to a multiubiquitin chain attached to a protein and thereby inhibit degradation of that protein by the proteasome pathway. According to another aspect of the disclosure, compounds are provided that inhibit cell cycle progression. Compounds disclosed herein may be formulated for pharmaceutical use and employed in methods for treating cancers or other hyperproliferative disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 20 OF 43 USPATFULL on STN
 ACCESSION NUMBER: 2005:226937 USPATFULL
 TITLE: Modulation of eIF4E-BP2 expression
 INVENTOR(S): Bhanot, Sanjay, Carlsbad, CA, UNITED STATES
 Dobie, Kenneth W., Del Mar, CA, UNITED STATES
 Jain, Ravi, Carlsbad, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005196787	A1	20050908
APPLICATION INFO.:	US 2005-42899	A1	20050124 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-538752P	20040122 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FENWICK & WEST LLP, 801 CALIFORNIA STREET, MOUNTAIN VIEW, CA, 94014, US	
NUMBER OF CLAIMS:	40	
EXEMPLARY CLAIM:	1	
LINE COUNT:	4619	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds, compositions and methods are provided for modulating the expression of eIF4E-BP2. The compositions comprise oligonucleotides, targeted to nucleic acid encoding eIF4E-BP2. Methods of using these compounds for modulation of eIF4E-BP2 expression and for diagnosis and treatment of diseases and conditions associated with expression of eIF4E-BP2 are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 21 OF 43 USPATFULL on STN
 ACCESSION NUMBER: 2005:208920 USPATFULL
 TITLE: Modulation of eIF4E-BP1 expression
 INVENTOR(S): Monia, Brett P., Encinitas, CA, UNITED STATES
 Bhanot, Sanjay, Carlsbad, CA, UNITED STATES
 Dobie, Kenneth W., Del Mar, CA, UNITED STATES
 Jain, Ravi, Carlsbad, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005181400	A1	20050818
APPLICATION INFO.:	US 2005-42768	A1	20050124 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-538751P	20040122 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FENWICK & WEST LLP, 801 CALIFORNIA STREET, MOUNTAIN VIEW, CA, 94014, US	
NUMBER OF CLAIMS:	43	
EXEMPLARY CLAIM:	1	
LINE COUNT:	6403	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds, compositions and methods are provided for modulating the expression of eIF4E-BP1. The compositions comprise oligonucleotides, targeted to nucleic acid encoding eIF4E-BP1. Methods of using these compounds for modulation of eIF4E-BP1 expression and for diagnosis and treatment of diseases and conditions associated with expression of eIF4E-BP1 are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 22 OF 43 USPATFULL on STN
 ACCESSION NUMBER: 2005:196243 USPATFULL
 TITLE: Artificial receptors including gradients
 INVENTOR(S): Carlson, Robert E., Minnetonka, MN, UNITED STATES
 PATENT ASSIGNEE(S): RECEPTORS LLC, CHASKA, MN, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005170385	A1	20050804
APPLICATION INFO.:	US 2004-4593	A1	20041202 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2002-244727, filed on 16 Sep 2002, PENDING Continuation-in-part of Ser. No. US 2004-812850, filed on 29 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-813568, filed on 29 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-813612, filed on 29 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-934977, filed on 3 Sep 2004, PENDING Continuation-in-part of Ser. No. US 2004-934977, filed on 3 Sep 2004, PENDING Continuation-in-part of Ser. No. US 2004-934865, filed on 3 Sep 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2003-5328	20030219
	WO 2004-WO9649	20040329
	WO 2004-WO29050	20040903
	WO 2004-WO29122	20040903
	US 2003-526511P	20031202 (60)
	US 2003-526699P	20031202 (60)
	US 2003-526703P	20031202 (60)
	US 2003-526708P	20031202 (60)
	US 2003-527190P	20031202 (60)
	US 2004-607438P	20040903 (60)
	US 2004-607457P	20040903 (60)
	US 2004-607458P	20040903 (60)

US 2004-608557P 20040910 (60)
US 2004-608654P 20040910 (60)
US 2004-609160P 20040911 (60)
US 2004-612666P 20040923 (60)
US 2004-622086P 20041025 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MERCHANT & GOULD PC, P.O. BOX 2903, MINNEAPOLIS, MN,
55402-0903, US
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 64 Drawing Page(s)
LINE COUNT: 4575

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to gradients of artificial receptors or building blocks, methods of making the gradients, and methods employing the gradients. The gradient can include one or more building blocks. The gradient can include change in any of a variety of characteristics of the artificial receptor or building block including change in the concentration of an artificial receptor or building block; change in the identity of an artificial receptor or building block; change in the topography of an artificial receptor or building block; change in the mode of binding of an artificial receptor or building block to the support; change in the lawn or lawn modifier; change in charge, volume, lipophilicity, or hydrophilicity of the artificial receptor or building block; or change in a molecular descriptors for the artificial receptor or building block.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 23 OF 43 USPATFULL on STN
ACCESSION NUMBER: 2005:183066 USPATFULL
TITLE: Method and apparatus for coating of substrates
INVENTOR(S): Chappa, Ralph A., Prior Lake, MN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005158449	A1	20050721
APPLICATION INFO.:	US 2004-976348	A1	20041027 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-256349, filed on 27 Sep 2002, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MERCHANT & GOULD PC, P.O. BOX 2903, MINNEAPOLIS, MN, 55402-0903, US		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	25 Drawing Page(s)		
LINE COUNT:	2248		

AB The invention relates to methods and apparatuses that reduce problems encountered during coating of a device, such as a medical device having a cylindrical shape. In an embodiment, the invention includes an apparatus including a bi-directional rotation member. In an embodiment, the invention includes a method with a bi-directional indexing movement. In an embodiment, the invention includes a coating solution supply member having a major axis oriented parallel to a gap between rollers on a coating apparatus. In an embodiment, the invention includes a device retaining member. In an embodiment, the invention includes an air nozzle or an air knife. In an embodiment, the invention includes a method including removing a static charge from a small diameter medical device.

L6 ANSWER 24 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:158986 USPATFULL
 TITLE: Medical devices employing triazine compounds and compositions thereof
 INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES
 Alexander, Christopher W., Norcross, GA, UNITED STATES
 Pillarisetti, Sivaram, Norcross, GA, UNITED STATES
 Saxena, Uday, Atlanta, GA, UNITED STATES
 Yeleswarapu, Koteswar Rao, Begumpet, INDIA
 Pal, Manojit, Miyapur, INDIA
 Reddy, Jangalgar Tirupathy, Miyapur, INDIA
 Krishna Reddy, Velagala Venkata Rama Murali, Kukatpally, INDIA
 Sessa Sridevi, Bhatlapenumarthy, Gandhinagar, INDIA
 Kumar, Potlapally Rajender, Miyapur, INDIA
 Reddy, Gaddam Om, Miyapur, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005137196	A1	20050623
APPLICATION INFO.:	US 2004-951316	A1	20040927 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2003-397968, filed on 26 Mar 2003, PENDING Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	9874	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 25 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:158329 USPATFULL
 TITLE: Compositions for manipulating the lifespan and stress response of cells and organisms
 INVENTOR(S): Sinclair, David A., West Roxbury, MA, UNITED STATES
 Howitz, Konrad T., Allentown, PA, UNITED STATES
 Zipkin, Robert E., Wynnwood, PA, UNITED STATES
 PATENT ASSIGNEE(S): President and Fellows of Harvard College, Cambridge, MA, UNITED STATES (U.S. corporation)
 BIOMOL International L.P., Plymouth Meeting, PA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005136537	A1	20050623
APPLICATION INFO.:	US 2004-884879	A1	20040702 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-532158P	20031223 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT BLVD, BOSTON, MA, 02110, US	
NUMBER OF CLAIMS:	39	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	42 Drawing Page(s)	
LINE COUNT:	6631	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided herein are methods and compositions for modulating the activity of sirtuin deacetylase protein family members; p53 activity; apoptosis; lifespan and sensitivity to stress of cells and organisms. Exemplary methods comprise contacting a cell with an activating compound, such as a flavone, stilbene, flavanone, isoflavone, catechin, chalcone, tannin or anthocyanidin; or an inhibitory compound, such as a sphingolipid, e.g., sphingosine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 26 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:158275 USPATFULL

TITLE: Nanodevices employing combinatorial artificial receptors

INVENTOR(S): Carlson, Robert E., Minnetonka, MN, UNITED STATES

PATENT ASSIGNEE(S): RECEPTORS LLC, CHASKA, MN, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005136483	A1	20050623
APPLICATION INFO.:	US 2004-934879	A1	20040903 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-499752P	20030903 (60)
	US 2003-500081P	20030903 (60)
	US 2003-499776P	20030903 (60)
	US 2003-499867P	20030903 (60)
	US 2003-499965P	20030903 (60)
	US 2003-499975P	20030903 (60)
	US 2003-526511P	20031202 (60)
	US 2003-526699P	20031202 (60)
	US 2003-526703P	20031202 (60)
	US 2003-526708P	20031202 (60)
	US 2003-527190P	20031202 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MERCHANT & GOULD PC, P.O. BOX 2903, MINNEAPOLIS, MN, 55402-0903, US	
NUMBER OF CLAIMS:	45	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	60 Drawing Page(s)	
LINE COUNT:	3745	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention includes nanodevices employing combinatorial artificial receptors and methods for making and using the same. In an embodiment the invention includes a method of adhering components together. In an embodiment, the invention includes a device including a first component adhered to a second component via a binding pair of artificial receptors. In an embodiment, the invention includes an agent delivery device having a capsule, and an active agent. In an embodiment, the invention can include a detection device having a magnetic particle and an artificial receptor disposed thereon. In an embodiment, the invention can include a detection device having a quantum dot and an artificial receptor disposed on the quantum dot. In an embodiment, the invention includes a detection device having first particles and second particles that aggregate in the presence of a target ligand. In an embodiment, the invention includes a detection device having a cantilever and an artificial receptor disposed thereon. In an embodiment, the invention can include a detection device having a substrate and an artificial receptor disposed thereon. In an embodiment, the invention can include a device for selective removal of a target component including a substrate and an artificial receptor disposed thereon.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 27 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:144879 USPATFULL

TITLE: Medical devices employing triazine compounds and compositions thereof

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES
Alexander, Christopher W., Norcross, GA, UNITED STATES
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES
Saxena, Uday, Atlanta, GA, UNITED STATES
Yeleswarapu, Koteswar Rao, Hyderabad, INDIA
Pal, Manojit, Hyderabad, INDIA
Reddy, Jangalgar Tirupathy, Hyderabad, INDIA
Krisha Reddy, Velagala Venkata Rama Murali, Hyderabad, INDIA
Sesha Sridevi, Bhatlapenumarthy, Hyderabad, INDIA
Kumar, Potlapally Rajender, Hyderabad, INDIA
Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005124619	A1	20050609
APPLICATION INFO.:	US 2004-951120	A1	20040927 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2003-400169, filed on 26 Mar 2003, PENDING Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	8532	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising

compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 28 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:138619 USPATFULL

TITLE: Heterocyclic compounds and methods of making and using thereof

INVENTOR(S): Rao, Yeleswarapu Koteswar, Hyderabad, INDIA
Pal, Manojit, Hyderabad, INDIA
Sharma, Vedula Manohar, Hyderabad, INDIA
Venkateswarlu, Akella, Hyderabad, INDIA
Pillarisetti, Ram, Norcross, GA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005119269	A1	20050602
APPLICATION INFO.:	US 2004-976284	A1	20041028 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	IN 2003-8612003	20031028
	US 2004-610163P	20040915 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US	
NUMBER OF CLAIMS:	59	
EXEMPLARY CLAIM:	1	
LINE COUNT:	13564	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds of formula (I), and methods and/or compositions comprising compounds that are effective in modulating inflammatory responses, such as those resulting from AGE and glycated protein accumulation are provided. Methods and/or compositions comprising compounds that are effective in modulating smooth muscle cell proliferation and the diseases or conditions related thereto are also provided. ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 29 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:131877 USPATFULL

TITLE: Medical devices employing triazine compounds and compositions thereof

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES
Alexander, Christopher W., Norcross, GA, UNITED STATES
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES
Saxena, Uday, Atlanta, GA, UNITED STATES
Yeleswarapu, Koteswar Rao, Hyderabad, IN, UNITED STATES
Pal, Manojit, Hyderabad, INDIA
Reddy, Jangalgar Tirupathy, Hyderabad, INDIA
Murali Krishna Reddy, Velagala Venkata Rama, Hyderabad, INDIA
Sridevi, Bhatlapenumarthy Sesha, Hyderabad, INDIA

Kumar, Potlapally Rajender, Hyderabad, INDIA
Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005113341	A1	20050526
APPLICATION INFO.:	US 2004-951305	A1	20040927 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2003-400134, filed on 26 Mar 2003, PENDING Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037, US	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	10723	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 30 OF 43 USPATFULL on STN
ACCESSION NUMBER: 2005:124241 USPATFULL
TITLE: Building blocks for artificial receptors
INVENTOR(S): Carlson, Robert E., Minnetonka, MN, UNITED STATES
PATENT ASSIGNEE(S): RECEPTORS LLC, CHASKA, MN, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005106630	A1	20050519
APPLICATION INFO.:	US 2004-934865	A1	20040903 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2002-244727, filed on 16 Sep 2002, PENDING Continuation-in-part of Ser. No. US 2004-813568, filed on 29 Mar 2004, PENDING Continuation-in-part of Ser. No. WO 2003-US5328, filed on 19 Feb 2003, PENDING Continuation-in-part of Ser. No. US 2004-812850, filed on 29 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-813612, filed on 29 Mar 2004, PENDING Continuation-in-part of Ser. No. WO 2004-US9649, filed on 29 Mar 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-499752P	20030903 (60)

US 2003-500081P	20030903 (60)
US 2003-499776P	20030903 (60)
US 2003-499867P	20030903 (60)
US 2003-499965P	20030903 (60)
US 2003-499975P	20030903 (60)
US 2003-526511P	20031202 (60)
US 2003-526699P	20031202 (60)
US 2003-526703P	20031202 (60)
US 2003-526708P	20031202 (60)
US 2003-527190P	20031202 (60)
US 360980P	(60)
US 362600P	(60)
US 375655P	(60)
US 400605P	(60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MERCHANT & GOULD PC, P.O. BOX 2903, MINNEAPOLIS, MN, 55402-0903, US
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 59 Drawing Page(s)
LINE COUNT: 5786

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to building blocks for making or forming candidate artificial receptors. A building block can provide one or more structural characteristics such as positive charge, negative charge, acid, base, electron acceptor, electron donor, hydrogen bond donor, hydrogen bond acceptor, free electron pair, π electrons, charge polarization, hydrophilicity, hydrophobicity, and the like. A building block can be bulky or it can be small.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 31 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:112172 USPATFULL
TITLE: Compositions for manipulating the lifespan and stress response of cells and organisms
INVENTOR(S): Sinclair, David A., West Roxbury, MA, UNITED STATES
PATENT ASSIGNEE(S): President and Fellows of Harvard College, Cambridge, MA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005096256	A1	20050505
APPLICATION INFO.:	US 2004-884022	A1	20040701 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-483949P	20030701 (60)
	US 2003-532158P	20031223 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FOLEY HOAG, LLP, PATENT GROUP, WORLD TRADE CENTER WEST, 155 SEAPORT BLVD, BOSTON, MA, 02110, US	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	42 Drawing Page(s)	
LINE COUNT:	6583	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided herein are methods and compositions for modulating the activity of sirtuin deacetylase protein family members; p53 activity; apoptosis; lifespan and sensitivity to stress of cells and organisms. Exemplary methods comprise contacting a cell with an activating compound, such as

a flavone, stilbene, flavanone, isoflavone, catechin, chalcone, tannin or anthocyanidin; or an inhibitory compound, such as a sphingolipid, e.g., sphingosine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 32 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:68493 USPATFULL

TITLE: Postpartum cells derived from placental tissue, and methods of making and using the same

INVENTOR(S): Kihm, Anthony J., Princeton, NJ, UNITED STATES
Harris, Ian Ross, Belle Mead, NJ, UNITED STATES
Mistry, Sanjay, Bedminster, NJ, UNITED STATES
Harmon, Alexander M., Clinton, NJ, UNITED STATES
Messina, Darin J., Somerville, NJ, UNITED STATES
Seyda, Agnieszka, New Brunswick, NJ, UNITED STATES
Yi, Chin-Feng, Hillsborough, NJ, UNITED STATES
Gosiewska, Anna, Skillman, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005058631	A1	20050317
APPLICATION INFO.:	US 2004-877446	A1	20040625 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-483264P	20030627 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR, 1650 MARKET STREET, PHILADELPHIA, PA, 19103	
NUMBER OF CLAIMS:	82	
EXEMPLARY CLAIM:	1	
LINE COUNT:	7320	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Cells derived from postpartum placenta and methods for their isolation are provided by the invention. The invention further provides cultures and compositions of the placenta-derived cells. The placenta-derived cells of the invention have a plethora of uses, including but not limited to research, diagnostic, and therapeutic applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 33 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:68491 USPATFULL

TITLE: Soft tissue repair and regeneration using postpartum-derived cells

INVENTOR(S): Harmon, Alexander M., Clinton, NJ, UNITED STATES
Harris, Ian Ross, Belle Mead, NJ, UNITED STATES
Kihm, Anthony J., Princeton, NJ, UNITED STATES
Mistry, Sanjay, Bedminster, NJ, UNITED STATES
Messina, Darin J., Somerville, NJ, UNITED STATES
Seyda, Agnieszka, New Brunswick, NJ, UNITED STATES
Yi, Chin-Feng, Hillsborough, NJ, UNITED STATES
Gosiewska, Anna, Skillman, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005058629	A1	20050317
APPLICATION INFO.:	US 2004-877009	A1	20040625 (10)

NUMBER	DATE
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PRIORITY INFORMATION: US 2003-483264P 20030627 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR,
1650 MARKET STREET, PHILADELPHIA, PA, 19103
NUMBER OF CLAIMS: 113
EXEMPLARY CLAIM: 1
LINE COUNT: 5770

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Cells derived from postpartum tissue having the potential to support cells of and/or differentiate to cells of a soft tissue lineage, and methods of preparation and use of those postpartum tissue-derived cells, are provided by the invention. The invention also provides methods for the use of such postpartum-derived cells and products related thereto in therapies for conditions of soft tissue.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 34 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2005:23321 USPATFULL

TITLE: Cartilage and bone repair and regeneration using postpartum-derived cells

INVENTOR(S): Kihm, Anthony J., Princeton, NJ, UNITED STATES
Seyda, Agnieszka, New Brunswick, NJ, UNITED STATES
Dhanaraj, Sridevi, Raritan, NJ, UNITED STATES
Wang, Ziwei, Monroe, NJ, UNITED STATES
Harmon, Alexander M., Clinton, NJ, UNITED STATES
Harris, Ian Ross, Belle Mead, NJ, UNITED STATES
Messina, Darin J., Somerville, NJ, UNITED STATES
Mistry, Sanjay, Bedminster, NJ, UNITED STATES
Gosiewska, Anna, Skillman, NJ, UNITED STATES
Yi, Chin-Feng, Hillsborough, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005019865	A1	20050127
APPLICATION INFO.:	US 2004-876998	A1	20040625 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-483264P	20030627 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR, 1650 MARKET STREET, PHILADELPHIA, PA, 19103	
NUMBER OF CLAIMS:	108	
EXEMPLARY CLAIM:	1	
LINE COUNT:	6210	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Cells derived from postpartum tissue and methods for their isolation and induction to differentiate to cells of a chondrogenic or osteogenic phenotype are provided by the invention. The invention further provides cultures and compositions of the postpartum-derived cells and products related thereto. The postpartum-derived cells of the invention and products related thereto have a plethora of uses, including but not limited to research, diagnostic, and therapeutic applications, for example, in the treatment of bone and cartilage conditions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 35 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2004:334878 USPATFULL

TITLE: Antibodies against human IL-21 receptor and uses

therefor

INVENTOR(S): Valge-Archer, Viia, Little Abington, UNITED KINGDOM
 Williams, Andrew James, Royston, UNITED KINGDOM
 Young, Deborah A., Melrose, MA, UNITED STATES
 Whitters, Matthew J., Hudson, MA, UNITED STATES
 Collins, Mary, Natick, MA, UNITED STATES
 Witek, Joann, Acton, MA, UNITED STATES

PATENT ASSIGNEE(S): Wyeth, Madison, NJ, UNITED STATES, 07940 (non-U.S. corporation)
 Cambridge Antibody Technology Limited, Cambridge, UNITED KINGDOM, CB1 6GH (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004265960	A1	20041230
APPLICATION INFO.:	US 2004-798380	A1	20040312 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-454336P	20030314 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Rebecca M. McNeill, FINNEGAN, HENDERSON, FARABOW,, GARRETT & DUNNER, L.L.P., 1300 I Street, N.W., Washington, DC, 20005-3315	
NUMBER OF CLAIMS:	38	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	12 Drawing Page(s)	
LINE COUNT:	3793	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present application provides human antibodies and antigen binding fragments thereof that specifically bind to the human interleukin-21 receptor (IL-21R). The antibodies can act as antagonists of IL-21R activity, thereby modulating immune responses in general, and those mediated by IL-21R in particular. The disclosed compositions and methods may be used for example, in diagnosing, treating or preventing inflammatory disorders, autoimmune diseases, allergies, transplant rejection, cancer, and other immune system disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 36 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2004:286782 USPATFULL

TITLE: Methods and compositions of novel triazine compounds

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES
 Alexander, Christopher W., Norcross, GA, UNITED STATES
 Pillarisetti, Sivaram, Norcross, GA, UNITED STATES
 Saxena, Uday, Atlanta, GA, UNITED STATES
 Yeleswarapu, Koteswar Rao, Hyderabad, INDIA
 Pal, Manojit, Hyderabad, INDIA
 Reddy, Jangalgar Tirupathy, Hyderabad, INDIA
 Reddy, Velagala Venkira Rama Murali Krishna, Hyderabad, INDIA
 Sridevi, Bhatlapenumarphy Shesha, Hyderabad, INDIA
 Kumar, Potlapally Rajender, Hyderabad, INDIA
 Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004224950	A1	20041111
APPLICATION INFO.:	US 2003-400140	A1	20030326 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2003-390485, filed on 17 Mar 2003, PENDING Continuation of Ser. No. US		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, ATLANTA, GA, 30309	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	86 Drawing Page(s)	
LINE COUNT:	11181	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 37 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2004:268339 USPATFULL

TITLE: Methods and compositions of novel triazine compounds

INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES
Alexander, Christopher W., Norcross, GA, UNITED STATES
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES
Saxena, Uday, Atlanta, GA, UNITED STATES
Yeleswarapu, Koteswar Rao, Hyderabad, INDIA
Pal, Manojit, Hyderabad, INDIA
Reddy, Jangalgar Tirupathy, Hyderabad, INDIA
Krishma Reddy, Velagala Venkata Rama Murali, Hyderabad, INDIA
Sesila Sridevi, Bhatlapenumarthy, Hyderabad, INDIA
Kumar, Potlapally Rajender, Hyderabad, INDIA
Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004209882	A1	20041021
APPLICATION INFO.:	US 2003-400169	A1	20030326 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	86 Drawing Page(s)		
LINE COUNT:	12036		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle

proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 38 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2004:268338 USPATFULL
TITLE: Methods and compositions of novel triazine compounds
INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES
Alexander, Christopher W., Norcross, GA, UNITED STATES
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES
Saxena, Uday, Atlanta, GA, UNITED STATES
Yeleswarapu, Koteswar Rao, Hyderabad, INDIA
Pal, Manojit, Hyderabad, INDIA
Reddy, Jangalgar Tirupathy, Hyderabad, INDIA
Krishna Reddy, Velagala Venkata Rama Murali, Hyderabad, INDIA
Sridevi, Bhatlapenumarthy Sesha, Hyderabad, INDIA
Kumar, Potlapally Rajender, Hyderabad, INDIA
Reddy, Gaddam Om, Hyderabad, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004209881	A1	20041021
	US 7112587	B2	20060926
APPLICATION INFO.:	US 2003-400134	A1	20030326 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, ATLANTA, GA, 30309		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	86 Drawing Page(s)		
LINE COUNT:	9019		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 39 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2004:268337 USPATFULL
TITLE: Methods and compositions of novel triazine compounds
INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES
Alexander, Christopher W., Norcross, GA, UNITED STATES
Pillarisetti, Sivaram, Norcross, GA, UNITED STATES
Saxena, Uday, Atlanta, GA, UNITED STATES
Yeleswarapu, Koteswar Rao, Begumpet, INDIA
Pal, Manojit, Miyapur, INDIA
Reddy, Jangalgar Tirupathy, Miyapur, INDIA
Krlshna Reddy, Velagala Venkata Rama Murali,

Kukatpally, INDIA
Sridevi, Bhatlapenumarthy Sesha, Gandhinagar, INDIA
Kumar, Potlapally Rajender, Miyapur, INDIA
Reddy, Gaddam Om, Miyapur, INDIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004209880	A1	20041021
APPLICATION INFO.:	US 2003-397968	A1	20030326 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	WOMBLE CARLYLE SANDRIDGE & RICE, PLLC, P.O. BOX 7037, ATLANTA, GA, 30357-0037		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	86 Drawing Page(s)		
LINE COUNT:	10190		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycosylated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 40 OF 43 USPATFULL on STN
ACCESSION NUMBER: 2004:190704 USPATFULL
TITLE: Antisense modulation of P70 S6 kinase expression
INVENTOR(S): Monia, Brett P., La Costa, CA, UNITED STATES
Cowser, Lex M., Carlsbad, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004147477	A1	20040729
APPLICATION INFO.:	US 2004-795662	A1	20040308 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-920677, filed on 1 Aug 2001, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ, 08053		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
LINE COUNT:	3145		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Antisense compounds, compositions and methods are provided for modulating the expression of p70 S6 kinase. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding p70 S6 kinase. Methods of using these compounds for modulation of p70 S6 kinase expression and for treatment of diseases associated with expression of p70 S6 kinase are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 41 OF 43 USPATFULL on STN
ACCESSION NUMBER: 2004:101778 USPATFULL

TITLE: Methods and compositions of novel triazine compounds
 INVENTOR(S): Timmer, Richard T., Decatur, GA, UNITED STATES
 Alexander, Christopher W., Norcross, GA, UNITED STATES
 Pillarisetti, Sivaram, Norcross, GA, UNITED STATES
 Saxena, Uday, Atlanta, GA, UNITED STATES
 Campbell, Karen A., Durham, NC, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004077648	A1	20040422
APPLICATION INFO.:	US 2003-390485	A1	20030317 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-253388, filed on 23 Sep 2002, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-324147P	20010921 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, SUITE 2800, ATLANTA, GA, 30309	
NUMBER OF CLAIMS:	75	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	54 Drawing Page(s)	
LINE COUNT:	10058	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods and compositions comprising compounds that treat pathophysiological conditions arising from inflammatory responses. In particular, the present invention is directed to compounds that inhibit or block glycated protein produced induction of the signaling-associated inflammatory response in endothelial cells. The present invention relates to compounds that inhibit smooth muscle proliferation. In particular, the present invention is directed to compounds that inhibit smooth muscle cell proliferation by modulating HSPGs such as Perlecan. The present invention further relates to the use of compounds to treat vascular occlusive conditions characterized by smooth muscle proliferation such as restenosis and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 42 OF 43 USPATFULL on STN
 ACCESSION NUMBER: 2004:95402 USPATFULL
 TITLE: Polymerized and modified rapamycins and their use in coating medical prostheses
 INVENTOR(S): Waugh, Jacob, Palo Alto, CA, UNITED STATES
 Razavi, Mahmood K., San Carlos, CA, UNITED STATES
 Nezhat, Camran, Woodside, CA, UNITED STATES
 Cifra, Pamela N., Daly City, CA, UNITED STATES
 Dake, Michael D., Stanford, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004072857	A1	20040415
APPLICATION INFO.:	US 2003-613584	A1	20030702 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-393686P	20020702 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MANATT PHELPS AND PHILLIPS, ROBERT D. BECKER, 1001 PAGE MILL ROAD, BUILDING 2, PALO ALTO, CA, 94304	
NUMBER OF CLAIMS:	101	

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Page(s)
LINE COUNT: 903

AB Compositions of matter comprise linked pluralities of mTOR-binding molecules, such as rapamycin. The compositions may be directly polymerized or may comprise rapamycin or other mTOR-binding molecules covalently or non-covalently attached to a backbone molecule. The compositions may be bound to vascular prostheses and other implantable devices in order to inhibit hyperplasia or for other therapeutic purposes.

L6 ANSWER 43 OF 43 USPATFULL on STN

ACCESSION NUMBER: 2003:120800 USPATFULL
TITLE: Antisense modulation of p70 S6 kinase expression
INVENTOR(S): Monia, Brett P., La Costa, CA, UNITED STATES
Cowser, Lex M., Carlsbad, CA, UNITED STATES
PATENT ASSIGNEE(S): Isis Pharmaceuticals Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003083284	A1	20030501
APPLICATION INFO.:	US 2001-920677	A1	20010801 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Jane Massey Licata, Licata & Tyrrell, P.C., 66 East Main Street, Marlton, NJ, 08053		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	3152		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Antisense compounds, compositions and methods are provided for modulating the expression of p70 S6 kinase. The compositions comprise antisense compounds, particularly antisense oligonucleotides, targeted to nucleic acids encoding p70 S6 kinase. Methods of using these compounds for modulation of p70 S6 kinase expression and for treatment of diseases associated with expression of p70 S6 kinase are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.